

Title (en)  
DIAPER WITH IMPROVED SHAPE AND COMFORT

Title (de)  
WINDEL MIT VERBESSERTER FORM UND VERBESSERTEM KOMFORT

Title (fr)  
COUCHE PRÉSENTANT UNE FORME ET UN CONFORT AMÉLIORÉS

Publication  
**EP 3082690 A1 20161026 (EN)**

Application  
**EP 14819186 A 20141201**

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Abstract (en)  
[origin: WO2015094624A1] The invention relates to an infant or adult diaper. More particularly, the invention relates to an infant or adult diaper (10) having a longitudinal centerline (Y) and a lateral centerline (X) perpendicular to the longitudinal centerline (Y), wherein the diaper (10) comprises a topsheet (22) and a backsheet (24) and positioned therein between an absorbent core (20), and a first longitudinally extending elastic cuff (30a) and second longitudinally extending elastic cuff (30b), the first and the second elastic cuff (30a, 30b) being positioned on either longitudinal side of the topsheet (22) and opposing each other, and wherein the diaper (10) has a crotch region (B), positioned in between a front region (A) and a back region (C) and the first and the second longitudinally extending elastic cuff (30a, 30b) each have a crotch region (B'), positioned in between a front region (A') and a back region (C'), these regions of the longitudinally extending elastic cuffs (30a, 30b) being positioned in the respective regions of the diaper (10), and the first longitudinally extending elastic cuff (30a) and the second longitudinally extending elastic cuff (30b) each have a proximal edge (32a, 32b), at which the respective longitudinally extending elastic cuff is attached to the diaper and the the first longitudinally extending elastic cuff (30a) and the second longitudinally extending elastic cuff (30b) each have a distal edge (34a, 34b), at least the crotch region (B') of which is not attached to the diaper (10) and forms a free flap (38a, 38b) and wherein the diaper (10) comprises a transverse separator (70) being attached to the first longitudinally extending elastic cuff (30a) and the second longitudinally extending elastic cuff (30b), wherein each of the least one of longitudinally extending elastic cuffs (30a, 30b) has a distance to the longitudinal centerline (Y) at each point on the longitudinal centerline (Y) and wherein for at least the first longitudinally extending elastic cuff (30a) there is at least one first point on the longitudinal centerline (Y) where the distal edge (34) of the first longitudinally extending elastic cuff (30a) the has a first distance to longitudinal centerline (Y) and there is at least one second point on the longitudinal centerline (Y) where the distal edge (34) of the first longitudinally extending elastic cuff (30a) the has a second distance to longitudinal centerline (Y) the and wherein the first distance is greater than the second distance when the diaper is in a flat position.

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